

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/051,841A  
Source: IFW16  
Date Processed by STIC: 8/3/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 08/03/2005

PATENT APPLICATION: US/10/051,841A

TIME: 14:51:37

Input Set : A:\Substitute Sequence Listing.ST25.txt

Output Set: N:\CRF4\08032005\J051841A.raw

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3 <110> APPLICANT: Wyeth
4     Young, Kathleen H
5     Rhodes, Kenneth J
7 <120> TITLE OF INVENTION: Methods for Identifying Modulators of N-Type Ion Channel
8     Inactivation
10 <130> FILE REFERENCE: 031896-069100
12 <140> CURRENT APPLICATION NUMBER: US 10/051,841A
13 <141> CURRENT FILING DATE: 2002-01-17
15 <150> PRIOR APPLICATION NUMBER: US 09/295,999
16 <151> PRIOR FILING DATE: 1999-04-21
18 <160> NUMBER OF SEQ ID NOS: 28
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 16
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Gln Ile Leu Gly Gln Thr Leu Lys Ala Ser Met Arg Glu Leu Gly Leu
30 1           5           10           15
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 16
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens
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41 1           5           10           15
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 48
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 3
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53 <210> SEQ ID NO: 4
54 <211> LENGTH: 48
55 <212> TYPE: DNA
56 <213> ORGANISM: Homo sapiens
58 <400> SEQUENCE: 4
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62 <210> SEQ ID NO: 5
63 <211> LENGTH: 30
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
67 <400> SEQUENCE: 5

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48

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69 Met Gln Val Ser Ile Ala Cys Thr Glu His Asn Leu Lys Ser Arg Asn
70 1           5           10           15
73 Gly Glu Asp Arg Leu Leu Ser Lys Gln Ser Ser Thr Ala Pro
74           20           25           30
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 30
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 6
84 Met Glu Val Ala Met Val Ser Ala Glu Ser Ser Gly Cys Asn Ser His
85 1           5           10           15
88 Met Pro Tyr Gly Tyr Ala Ala Gln Ala Arg Ala Arg Glu Arg
89           20           25           30
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 90
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 7
98 atgcaagtct ccatagcctg cacagagcac aatttgaaga gtcggaatgg tgaggaccga      60
100 cttctgagca agcagagctc caccgcccc      90
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 90
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 8
109 atggaggttg caatggtgag tgcggagagc tcagggtgca acagtcacat gccttatggt      60
111 tatgctgccc aggcccgggc ccgggagcgg      90
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 59
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Reagent
122 <400> SEQUENCE: 9
123 catggagctc ttcacgaggg tcacctcgtt ttctagtgcg gtgtactttg ccgagtaag      59
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 59
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Reagent
134 <400> SEQUENCE: 10
135 gatccttact cggcaaagta cactgcacta gaaaacagga tgaccccgat gaagagctc      59
138 <210> SEQ ID NO: 11
139 <211> LENGTH: 55
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Primer

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146 <400> SEQUENCE: 11
147 ccgaattcga catatgaaaa tgcaagtctc catagcctgc acagagcaca atttg      55
150 <210> SEQ ID NO: 12
151 <211> LENGTH: 42
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Primer
158 <400> SEQUENCE: 12
159 acggatcccc gaattccatt atgatctata gtccttcttg ct      42
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 45
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Primer
170 <400> SEQUENCE: 13
171 acggatcccc gaattccatt aatctgaaat ttgacctcca aatgt      45
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 59
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Reagent
182 <400> SEQUENCE: 14
183 catggagcag atcctgggcc acacctgag agccagcatg cgggaactgg gcctttaag      59
186 <210> SEQ ID NO: 15
187 <211> LENGTH: 59
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Reagent
194 <400> SEQUENCE: 15
195 gatccttaaa ggcccagttc cggcatgctg gctctgaggg tgtggcccag gatctgctc      59
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 60
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Primer
206 <400> SEQUENCE: 16
207 cgaattcata tgcggatccg tagaatggag gttgcaatgg tgagtgcgga gagctcaggg      60
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211 <211> LENGTH: 41
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Primer
218 <400> SEQUENCE: 17

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219 ggtcgacgaa ttcgttacct tgcaggatcg gagctctcgt g 41
222 <210> SEQ ID NO: 18
223 <211> LENGTH: 59
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Reagent
230 <400> SEQUENCE: 18
231 catggagcag atcctgggcc acaccctcag agccagcatg cggcaactgg gcctttaag 59
234 <210> SEQ ID NO: 19
235 <211> LENGTH: 59
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Reagent
242 <400> SEQUENCE: 19
243 gatccttaaa ggcccagttg ccgcatgctg gctctgaggg tgtggcccag gatctgctc 59
246 <210> SEQ ID NO: 20
247 <211> LENGTH: 59
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Reagent
254 <400> SEQUENCE: 20
255 aattcctctt catcggggtc atcctgtttt ctagtgcagt gtactttgcc gagtaagcc 59
258 <210> SEQ ID NO: 21
259 <211> LENGTH: 59
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Reagent
266 <400> SEQUENCE: 21
267 tcgaggctta ctcgggcaaag tacactgcac tagaaaacag gatgaccccg atgaagagg 59
270 <210> SEQ ID NO: 22
271 <211> LENGTH: 39
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Primer
278 <400> SEQUENCE: 22
279 agtaggatcc ccatgccagt ctccatagcc tgcacagag 39
282 <210> SEQ ID NO: 23
283 <211> LENGTH: 39
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Primer
290 <400> SEQUENCE: 23
291 gggacgtcga cgccattatg atctatagtc cttcttgct 39

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Input Set : A:\Substitute Sequence Listing.ST25.txt

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294 <210> SEQ ID NO: 24
295 <211> LENGTH: 16
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 24
301 Gln Ile Leu Gly Lys Thr Leu Gln Ala Ser Met Arg Glu Leu Gly Leu
302 1 5 10 15
305 <210> SEQ ID NO: 25
306 <211> LENGTH: 16
307 <212> TYPE: PRT
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 25
312 Arg Val Leu Gly His Thr Leu Arg Ala Ser Thr Asn Glu Phe Leu Leu
313 1 5 10 15
316 <210> SEQ ID NO: 26
317 <211> LENGTH: 30
318 <212> TYPE: PRT
319 <213> ORGANISM: Homo sapiens
321 <400> SEQUENCE: 26
323 Met His Leu Tyr Lys Pro Ala Cys Ala Asp Ile Pro Ser Pro Lys Leu
324 1 5 10 15
327 Gly Leu Pro Lys Ser Ser Glu Ser Ala Leu Lys Cys Arg Trp
328 20 25 30
331 <210> SEQ ID NO: 27
332 <211> LENGTH: 30
333 <212> TYPE: PRT
334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 27
338 Met Ile Ser Ser Val Cys Val Ser Ser Tyr Arg Gly Arg Lys Ser Gly
339 1 5 10 15
342 Asn Lys Pro Pro Ser Lys Thr Cys Leu Lys Glu Glu Met Ala
343 20 25 30
346 <210> SEQ ID NO: 28
347 <211> LENGTH: 30
348 <212> TYPE: PRT
349 <213> ORGANISM: Homo sapiens
351 <400> SEQUENCE: 28
353 Met Leu Ala Ala Arg Thr Gly Ala Ala Gly Ser Gln Ile Ser Glu Glu
354 1 5 10 15
357 Asn Thr Lys Leu Arg Arg Gln Ser Gly Phe Ser Val Ala Gly
358 20 25 30

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

**VERIFICATION SUMMARY**

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